



MW: GeneRuler™ 1 kb DNA Ladder

1: pTPGI_dCas9_VP64

2: pTPGI_dCas9_VP64

PstI

1. 10987 bp = linearized at PstI (3914)

3: pTPGI_dCas9_VP64

XhoI

1. 10987 bp = linearized at XhoI (8450)

4: pTPGI_dCas9_VP64

PstI + XhoI

1. 6451 bp = XhoI (8450) – PstI (3914)

2. 4536 bp = PstI (3914) – XhoI (8450)

5: pTPGI_dCas9_VP64

PstI + XhoI + HindIII

1. 4536 bp = PstI (3914) – XhoI (8450)

2. 3517 bp = XhoI (8450) – HindIII (980)

3. 2934 bp = HindIII (980) – PstI (3914)